

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L11 | 20 | (8 9 10) and cam\$4.cdm. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/13 14:18 |
| L10 | 9 | ((DARREN) near2 (DOUD)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/13 14:16 |
| L9 | 489 | ((JOHN) near2 (SIMPSON)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/13 14:13 |
| L8 | 73 | ((HIMANSHU) near2 (PATEL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/13 14:12 |
| L7 | 88 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and (deflect\$4 bend\$4 bias\$4) same (cam camming) same (window opening aperture hole) and (cutter cutting knife blade) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/13 14:09 |
| L6 | 301 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming) same (window opening aperture hole) and (cutter cutting knife blade) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/13 14:09 |
| L5 | 630 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming) and (cutter cutting knife blade) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/13 14:08 |
| L4 | 716 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/13 14:08 |
| S55 | 11 | ("20040167554" "20050222663" "20070276419" "4886061" "5000185" "5054492" "5114399" "5217474" "5282484" "5954745" "7318831").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/10 09:43 |
| S53 | 75 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming) with (deflect\$4 bend\$4 articul\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 08:24 |
| S52 | 701 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/05 08:24 |
| S51 | 1 | ("20020077642").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/04 15:50 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|-----|--|------------------------------|----|-----|------------------|
| S50 | 17 | ((("5000185") or ("5054492") or ("5114399") or ("5321501") or ("5459570") or ("5830224") or ("5883458") or ("6099542") or ("6134003") or ("6191862") or ("6445939") or ("7318831") or ("20040167553") or ("20040167554") or ("20050222663") or ("20070010840") or ("20070276419")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/04 15:45 |
| S49 | 41 | ("4669469" "4678459" "4728319" "4842579" "4857045" "4857046" "4883458" "4895560" "5047040" "5087265").PN. OR ("5370651").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 08:35 |
| S48 | 47 | ("4448200" "4587972" "4794931" "4870953" "4887605" "4899757" "4917097" "4936281" "4947852" "4947864" "4976691" "5010886" "5038789" "5059177" "5090958" "5095911" "5109859" "5109861" "5115814" "5125410" "5131397" "5163421" "5163432" "5186177" "5190045" "5193546" "5269793" "5345940" "5368035" "5443456" "5451785" "5464016" "5469524" "5493109" "5505725" "5514128" "5520189" "5546948" "5549601" "5558093" "5569276" "5660180" "5715825").PN. OR ("5865748").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 08:35 |
| S47 | 31 | ("5049131" "5071425" "5087246" "5092873" "5147302" "5263959" "5295995" "5350361" "5370609" "5409454" "5413557" "5458572" "5484411" "5484449").PN. OR ("5836957").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 08:34 |
| S46 | 112 | ("3565062" "3730185" "3811446" "4315511" "4445509" "4582181" "4669469" "4679557" "4685458" "4747821" "4762129" "4765332" "4781186" "4794931" "4819635" "4846192" "4950277").PN. OR ("5085662").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 08:34 |
| S45 | 121 | ("3704711" "4273128" "4292974" "4627436" "4685458" "4784636").PN. OR ("5053044").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 08:34 |
| S44 | 31 | ("5049131" "5071425" "5087246" "5092873" "5147302" "5263959" "5295995" "5350361" "5370609" "5409454" "5413557" "5458572" "5484411" "5484449").PN. OR ("5836957").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 08:33 |
| S43 | 97 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and cutter same (extend\$4 protrud\$4) same window | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 15:22 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S42 | 38 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and cutter with deform\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 15:16 |
| S41 | 42 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and cutter with cam | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 15:14 |
| S40 | 28 | (S36 S37 S38 S39) and catheter and cutter | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 15:04 |
| S39 | 3 | ((GAUTAMA) near2 (VENEGAS)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 15:01 |
| S38 | 65 | ((HIMANSHU) near2 (PATEL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 14:07 |
| S37 | 40 | ((MICHAEL) near2 (ROSENTHAL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 14:07 |
| S36 | 474 | ((JOHN) near2 (SIMPSON)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 13:50 |
| S35 | 1 | ("20040167553").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/07 10:48 |
| S34 | 56 | ("4711774" "4794931" "4979951" "5000185" "5024234" "5041089" "5070879" "5071425" "5092873" "5135531" "5226847" "5250059" "Re33569").PN. OR ("5429136").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/25 09:55 |
| S26 | 2 | ("5053044").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/12/09 10:12 |
| S25 | 112 | atherectomy and (move moving advance advancing forward) same (cutter cutting cut) same (deform deformed deformable window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/09 10:12 |
| S24 | 48 | ("4711774" "4794931" "4979951" "5000185" "5024234" "5041089" "5070879" "5071425" "5092873" "5135531" "5226847" "5250059" "Re33569").PN. OR ("5429136").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 15:55 |
| S23 | 892 | atherectomy and (move moving advance advancing forward) same (cutter cutting cut) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/08 15:55 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S22 | 2 | ("5,429,136").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/12/08 13:21 |
| S21 | 222 | 606/159.ccls. and (deflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/01 10:00 |
| S20 | 386 | 606/159.ccls. and (deform\$4 deflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/06/01 10:00 |
| S19 | 2 | ("5642296").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/31 11:08 |
| S18 | 2 | ("5431673").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/31 11:01 |
| S17 | 88 | (debulking with catheter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/31 10:52 |
| S16 | 27 | ("4274414" "4362160" "4499899" "4517977" "4649919" "4763669" "4834069" "4834729" "5025804" "5100426" "5143475" "5178129" "5354311").PN. OR ("5669926").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 12:01 |
| S15 | 109 | S14 and (steer\$4 deflect\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 11:09 |
| S12 | 246 | S11 and (steer\$4 deflect\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 11:09 |
| S14 | 695 | 606/180.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 11:07 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S13 | 47 | ("2178790" "3705577" "3815604" "3837345" "3995619" "4210146" "4696298" "4781186" "4819635" "4850957" "4979951" "4986807" "4994067" "5024651" "5087265" "5224488" "5226910" "5242460" "5250059" "5250065" "5285795" "5312425" "5318528" "5395313" "5431673" "5441510" "5505210" "5507292" "5571122" "5571130" "5584842" "5620447" "5634464" "5665098" "5674232" "5695506" "5709698" "5733296" "5843103" "6036656" "6036707" "RE33258").PN. OR ("6447525").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 11:07 |
| S11 | 1178 | 606/170.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 10:20 |
| S10 | 31 | ("4646738" "4669469" "4919133" "5092873").PN. OR ("5431673").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 10:20 |
| S9 | 2 | ("5431673").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/05 10:14 |
| S8 | 71 | steer\$4 same catheter same cutter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/05 10:13 |
| S7 | 468 | steer\$4 and catheter and cutter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/05 09:55 |
| S6 | 4 | (tissue and debulking).ti. | USPAT | OR | ON | 2006/12/05 09:54 |
| S5 | 2 | ("5643296").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/05 09:41 |
| S2 | 9 | (catheter and debulking).ti. | US-PGPUB | OR | ON | 2006/12/05 09:35 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
|-------|------|--------------|-----|------------------|---------|------------|

EAST Search History (Interference)

| | | | | | | |
|-----|----|--|----------------|----|----|------------------|
| L13 | 0 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and (deflect\$4 bend\$4 bias\$4) same (cam camming) and (cutter cutting knife blade) and debulk\$4 | USPAT; UPAD | OR | ON | 2010/03/13 14:33 |
| L12 | 55 | (606/159,167,170,171,180.ccls. 600/564.ccls.) and (deflect\$4 bend\$4 bias\$4) same (cam camming) same (window opening aperture hole) and (cutter cutting knife blade) | USPAT; UPAD | OR | ON | 2010/03/13 14:19 |

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S36 | 1 | ("20020077642").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/03/13 12:54 |
| S35 | 1 | ("5053044").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/20 09:44 |
| S34 | 2 | ((("4986807") or ("5830224")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/20 09:17 |
| S33 | 4 | S32 and marker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 13:29 |
| S32 | 8 | ((("5338295") or ("5370616") or ("5382234") or ("5387225")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/25 13:29 |
| S31 | 258 | atherectomy and (catheter with reposition\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 09:36 |
| S30 | 0 | atherectomy and ((catheter with (advanc\$4 mov\$4)) with reposition\$4 with target) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 09:34 |
| S27 | 353 | atherectomy and ((catheter with (advanc\$4 mov\$4)) with target) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 09:33 |
| S28 | 2 | ("5836957").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/25 09:31 |
| S26 | 3142 | atherectomy and (catheter with (advanc\$4 mov\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 09:31 |
| S25 | 22 | catheter same window same cutter same (bend\$4 bent deflect\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 14:10 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|------|--|---|----|----|------------------|
| S24 | 60 | ("4020829" "4215703" "4323071" "4444186" "4571240" "4582181" "4586923" "4596563" "4627436" "4669469" "4682607" "4724846" "4771774" "4771776" "4775371" "4784639" "4794931" "4808164" "4819634" "4820349" "4842579" "4894051" "4911170" "4921483" "4927413" "5026366" "5047040" "5071425" "5078723" "5084010").PN. OR ("5269793").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 14:07 |
| S23 | 31 | ("4646738" "4669469" "4919133" "5092873").PN. OR ("5431673").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 12:58 |
| S22 | 49 | atherectomy and (cutter same catheter same (deflect\$4 bend\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 12:06 |
| S21 | 15 | atherectomy and (cutter same expose same (deflect\$4 bend\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:58 |
| S16 | 1538 | atherectomy and (catheter with (advance advancing)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:51 |
| S20 | 16 | ("4669469" "4771774" "4781186" "4926858" "4979951" "5047040" "5078722" "5084010" "5226909" "5250059" "5269793" "5441510" "5624457" "Re33569").PN. OR ("5895402").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 11:38 |
| S19 | 60 | ("4020829" "4215703" "4323071" "4444186" "4571240" "4582181" "4586923" "4596563" "4627436" "4669469" "4682607" "4724846" "4771774" "4771776" "4775371" "4784639" "4794931" "4808164" "4819634" "4820349" "4842579" "4894051" "4911170" "4921483" "4927413" "5026366" "5047040" "5071425" "5078723" "5084010").PN. OR ("5269793").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 11:32 |
| S18 | 19 | ("5078722" "5226909" "5269793" "5441510").PN. OR ("5643296").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 10:33 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S17 | 139 | S16 and ((rotatable rotating) with cutter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 10:02 |
| S15 | 48 | catheter and hundertmark.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:38 |
| S14 | 2 | ("5431673").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/01/24 09:28 |
| S13 | 151 | "4966604" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 08:49 |
| S12 | 23 | debulking adj catheter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 08:45 |
| S11 | 28 | stent same restenosis same cutter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/21 11:24 |
| S10 | 0 | stent same restonosis same cutter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/21 11:24 |
| S9 | 4 | ((("20030125758") or ("20030120295"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/07/21 11:24 |
| S8 | 49 | ("4669469" "4857046" "4917085" "4923462" "4979939").PN. OR ("5078722").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/21 11:22 |
| S7 | 19 | ("5078722" "5226909" "5269793" "5441510").PN. OR ("5643296").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/21 10:40 |
| S6 | 4 | ((("5,524,613") or ("5,664,557"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/07/21 08:13 |

EAST Search History (Prior Art)

| | | | | | | |
|----|----|---|---|----|-----|------------------|
| S4 | 4 | ((("5431673") or ("5643296")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/07/21 08:13 |
| S5 | 4 | ((("5431673") or ("5643296")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/07/21 08:07 |
| S2 | 2 | ("20020077642").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/03 11:42 |
| S1 | 84 | ("20020022788" "20030018346" "20030120295" "20030125757" "20030125758" "3831585" "4669469" "4771774" "4817613" "4966604" "4986807" "5053044" "5071425" "5120516" "5126649" "5154724" "5217474" "5224949" "5269793" "5282484" "5312425" "5318032" "5372601" "5372602" "5429136" "5485042" "5491524" "5514115" "5527325" "5549601" "5624457" "5632754" "5643296" "5643298" "5741270" "5776114" "5816923" "5823971" "5836957" "5868685" "5868767" "5911734" "5916210" "5954745" "5968064" "5989281" "6010449" "6013072" "6022362" "6027450" "6048349" "6063093" "6069638" "6081738" "6106515" "6120515" "6157852" "6159225" "6183432" "6190353" "6193676" "6217527" "6217549" "6221049" "6228076" "6231546" "6235000" "6241667" "6258052" "6266550" "6283951" "6283983" "6302875" "6330884" "6355005" "6375615" "6394976" "6398798" "6428552" "6443966" "6447525" "6475226" "6623496" "6638233").PN. | US-PGPUB; USPAT | OR | ON | 2006/03/03 11:42 |

EAST Search History (Interference)

| | | | | | |
|--|--|----------------------------------|--|--|--|
| | | < This search history is empty > | | | |
|--|--|----------------------------------|--|--|--|